PHxx series

Safety manual

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BARCO

Visibly yours

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1. SAFETY

About this chapter

Read this chapter attentively. It contains important information to prevent personal injury while installing and using a PHxx series projector. Furthermore, it includes several cautions to prevent damage to the PHxx series projector. Ensure that you understand and follow all safety guidelines, safety instructions and warnings mentioned in this chapter before installing your PHxx series projector. After this chapter, additional “warnings” and “cautions” are given depending on the installation procedure. Read and follow these “warnings” and “cautions” as well.

The User Manual is very important. Please read the User Manual before using the product. Keep the manual for reference.

Access to User Manual

The User Manual is available on the CD which is shipped with the product. Perform the following to access the User Manual from the CD:

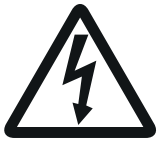
1. Insert the CD into the CD-ROM drive of a computer.
2. Browse to the root folder of the CD and click on “startup.exe” (only in case the CD doesn’t start automatically). As a result an HTML window will open in the Internet Browser.
3. Select your product and navigate to the User Manual.
4. Click on the PDF link to open the User Manual.

About the term PHxx series

The following projectors are included in the term PHxx series : PHWU-81B, PHWX-81B and PHXG-91B

1.1 General considerations

Safety labels



The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Do not use above 2000m above sea level.

Do not look into the projector’s lens when the lamp is on. The bright light may hurt and damage your eyes.

WARNING: Ensure you understand and follow all the safety guidelines, safety instructions, warnings and cautions mentioned in this manual.

WARNING: To prevent fire or shock hazard, do not expose the projector to rain or moisture.

WARNING: To prevent electric shock, do not use this (polarized) plug with an extension cord; receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure.

CAUTION: Not for use in a computer room as defined in the Standard for the Protection of Electronic Computer/ Data Processing Equipment, ANSI/NFPA 75.

1.2 Using projector in Europe

Compliance notice

This projector complies with the requirements of the EC Directive 2004/108/EC “EMC Directive” and 2006/95/EC “Low Voltage Directive”.

Warning

This is a EN55022 Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

This product may cause interference if used in residential areas. Such use must be avoided unless the user takes special measures to reduce electromagnetic emissions to prevent interference to the reception of radio and television broadcasts.

Maschinenlärminformations-Verordnung - 3. GPSGV, der höchste Schalldruckpegel beträgt 70 dB(A) oder weniger gemäss EN ISO 7779

1.3 Compliance notice of FCC

FCC notice

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Any changes or modifications not expressly approved by Barco could void the user’s authority to operate this equipment.

1.4 Important safety instructions

General

- All the safety and operating instructions should be read before operating the projector.
- The safety and operating instructions should be retained for future reference.
- All warnings on the projector and in the operating instructions should be adhered to.
- All operating instructions must be followed.

To prevent personal injury

- **Mercury Vapor Warnings**: Keep the following warnings in mind when using the projector. The lamp used in the projector contains mercury. In case of a lamp rupture, explosion there will be a mercury vapor emission. In order to minimize the potential risk of inhaling mercury vapors:
  - Ensure the projector is installed only in ventilated rooms.
  - Replace the lamp module before the end of its operational life.
  - Promptly ventilate the room after a lamp rupture, explosion has occurred, evacuate the room (particularly in case of a pregnant woman).
  - Seek medical attention if unusual health conditions occur after a lamp rupture, explosion, such as headache, fatigue, shortness of breath, chest-tightening coughing or nausea.
- Caution: High pressure lamp may explode if improperly handled. Refer servicing to qualified service personnel. The customer should never attempt to disassemble the lamp casing or to dispose of the lamp casing other than by returning it to Barco.
- Do not place this projector on an unstable cart, stand, tripod, bracket or table. Use only with a cart, stand, tripod bracket, or table recommended by the manufacturer or sold with the projector. Any mounting of the appliance should follow the manufacturer's instructions and should use a mounting accessory recommended by the manufacturer.
- An appliance and cart combination should be moved with care. Quick stops, excessive force and uneven surfaces may cause the appliance and cart combination to overturn.
- Do not place the projector on uneven surface. Place the projector on a leveled and stable surface only. Please do not place the projector on unstable surfaces. The product may fall, causing serious damage to it and possible injury to the user.
- Warning: high intensity light beam. Do not look into the lens when it is operating. It may hurt your eyes. Never let children look into the lens when it is on.
- Do not touch the exhaust vents and bottom plate, which become hot. Do not touch them or put other equipment in front of the exhaust vents. The exhaust vents and bottom plate, when heated, may cause injury or damage to other equipment. Also, do not set the projector on the desk which is easily affected by heat.
- Do not look into the exhaust vents when projector is operating. Heat, dust, etc. may blow out of them and hurt your eyes.
- Do not insert your fingers in the space between the lens and the cabinet. The lens may shift causing injury or damage to the projector.
- **Exposure to UV radiation**: Some medications are known to make individuals extra sensitive to UV radiation. The American Conference of Governmental Industrial Hygienists (ACGIH) recommends occupational UV exposure for an-8hour day to be less than 0.1 microwatts per square centimeters of effective UV radiation. An evaluation of the workplace is advised to assure employees are not exposed to cumulative radiation levels exceeding these government guidelines.
- **Warning: Protection from ultraviolet radiation**: Do not look directly in the light beam. The lamp contained in this product is an intense source of light and heat. One component of the light emitted from this lamp is ultraviolet light. Potential eye and skin hazards are present when the lamp is energized due to ultraviolet radiation. Avoid unnecessary exposure. Protect yourself and your employees by making them aware of the hazards and how to protect themselves. Protecting the skin can be accomplished by wearing tightly woven garments and gloves. Protecting the eyes from UV can be accomplished by wearing safety glasses that are designed to provide UV protection. In addition to the UV, the visible light from the lamp is intense and should also be considered when choosing protective eye wear.

To prevent fire hazard

- Do not place flammable or combustible materials near the projector!
- Do not face the projector lens to the sun. It can lead to fire.
- Slots and openings in the cabinet are provided for ventilation, ensuring reliable operation of the projector and to protect it from overheating. Do not block these openings or allow them to be blocked by placing the projector on a bed, sofa, , carpet, rug, or bookcase. Ensure that there is adequate ventilation and that the manufacturer's instructions have been adhered to.
- Use correct voltage. If you use incorrect voltage, it can lead to fire.
- Do not connect multiple electrical appliances to a single wall outlet. It can lead to fire.
- Do not extend the power cord. It can lead to fire.
- Do not use flammable solvents (benzene, thinner, etc.) and flammable aerosols near the projector. Flammable substances may ignite causing fire or breakdown because the temperature inside the projector rises very high while the lamp is illuminating.
- Be sure to unplug the power cord from the wall outlet if the projector will not be used for a long period of time. Otherwise, it may cause fire. Important safeguards (continued)
- Do not use the projector in the following locations and manners, which may cause fire or electric shock.
  - In a dusty or humid place.
  - In a sideways position, or with the lens facing down.
  - Near a heater.
  - In an oily, smoky, or damp place such as a kitchen.
  - In direct sunlight.
  - Where the temperature rises high, such as in a closed cabinet.
  - Where the temperature is lower than +41ºF (or +5ºC) or higher than +104ºF (or +40ºC).
- Do not cover the lens with the lens cap while the lamp is on.

To prevent the risk of electrical shock

- Never add any attachments and/or equipment without the approval of the manufacturer as such additions may result in the risk of fire, electric shock or other personal injury.
- Use 100-240 V AC 50/60 Hz to prevent fire or electric shock.
- The power cords for use in the U.S., Europe or China are included with this projector. Use the appropriate one for your country.
- This apparatus must be grounded (earthed) via the supplied 3 conductor AC power cable. If none of the supplied power cables are the correct one, consult your dealer.
- This projector should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power, please consult your appliance dealer or local power company.
- Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them. Pay particular attention to cords at plugs, convenience receptacles, and points where they exit from the appliance. Do not put the power cord under a carpet.
- This projector uses the power plug of 3-pin grounding type. Do not take away the grounding pin from the power plug. If the power plug doesn't fit your wall outlet, ask an electrician to change the wall outlet.
- The provided power cord for the U.S. is rated at 120 V. Never connect this cord to any outlet or power supply using other voltages or frequencies than rated. If you use a power supply using other voltage than rated, prepare an appropriate power cord separately.
- If the power cord should be damaged, contact your dealer for replacement because it may cause fire or electric shock.
- Do not modify or alter the power cord. If the power cord is modified or altered, it may cause fire or electric shock.
- Do not overload wall outlets and extension cords as this can result in a fire or electric shock.
- In order to ensure the safety in case of trouble with the projector, use an electrical outlet having an earth leakage breaker to supply the power to the projector. If you do not have such outlet, ask your dealer to install it.
- Plug in the power cord firmly. When unplugging, hold and pull the power plug, not the power cor
- Do not plug in or out the power cord with your hand wet. It may cause electric shock.
- When you move the projector, turn off the power, unplug the power cord from the wall outlet, and then remove the connected cords. Otherwise, the power cord may be damaged, resulting in fire or electric shock.
- If dust or metallic substance is on or around the pins of the power plug, unplug the power cord and clean it using a dry cloth. If you continue to use the projector without cleaning, it may result in fire or electric shock. Clean the power plug periodically at least once a year.
- Never push objects of any kind through openings of this projector as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock.
- Never spill liquid of any kind on the projector.
- Do not operate if smoke, strange noise or odor comes out of your projector. It might cause fire or electric shock. In this case, unplug immediately and contact your dealer.
- This projector contains high voltage circuitry. An inadvertent contact may result in an electric shock. Except as specifically explained in the User Manual do not attempt to service this product by yourself. Please contact your dealer when you want to fix, adjust or inspect the projector.
- Do not modify this equipment. It can lead to fire or electric shock.
- Do not keep using the damaged projector. If the projector is dropped and the cabinet is damaged, unplug the projector and contact your dealer for inspection. It may lead to fire if you keep using the damaged projector.
- Be sure to unplug the power cord from the wall outlet if the projector is fractured or deformed. Otherwise, it may result in fire or electric shock. Ask your dealer for repair.
- Do not place a container containing water or other liquid on the projector. If water spills on or enters the projector, it may result in fire or electric shock.
- Keep foliage plants and pets away from the projector. The temperature around the exhaust vents and that of the cabinet on the top of the exhaust vents become high. Take special care for small children.
- The attached power cord is to be used exclusively for this product. Never use it for other products.
- The socket-outlet shall be installed nearby the equipment and shall be easily accessible.
- Use the attached specified power supply cord. If you use another power supply cord, it may cause interference with radio and television reception.

To prevent projector damage

- Unplug this projector from the wall outlet before cleaning it. Do not use liquid aerosol cleaners. Use a damp soft cloth for cleaning.
- Do not use this projector near water or in contact with water.
- Do not use the projector with condensation on it. It can lead to breakdown or other failure.
- Never place the projector in direct sun light. Sun light on the lens can severely damage the Digital Mirror Devices™ in which case there is a loss of warranty.
- Do not block the intake and exhaust vents. If they are blocked, heat may be generated inside the projector, causing deterioration in the projector quality and fire.
- **Special care for Laser Beams**: Special care should be used when DLP® projectors are used in the same room as high power laser equipment. Direct or indirect hitting of a laser beam on to the lens can severely damage the Digital Mirror Devices™ in which case there is a loss of warranty.
- Save the original shipping carton and packing material. They will come in handy if you ever have to ship your equipment. For maximum protection, repack your set as it was originally packed at the factory.
- For safety's sake, refrain from setting the projector at any place subjected to high temperature and high humidity. Please maintain an operating temperature, humidity, and altitude as specified below.
  - Allowable operating temperature is +41°F (+5°C) to +104°F (+40°C).
  - Operating humidity: between 30% and 90%
  - Be sure to use this projector at an altitude of less than 2000 meters.

- Never put any heat-producing device under the projector so that the projector does not overheat.
- Do not attach the projector to a place that is unstable or subjected to vibration.
- Do not install the projector near any equipment that produces a strong magnetic field. Also refrain from installing near the projector any cable carrying a large current.
- Place the projector on a solid, vibration free surface; otherwise it may fall, causing serious injury to a child or adult, and serious damage to the product.
- Do not stand upright the projector; it may fall, causing serious injury and damage to the projector.
- Slanting the projector more than ±10° (right and left) or ±15° (front and rear) may cause trouble or explosion of the lamp.
- Do not place the projector near air-conditioning unit, heater, or humidifier to avoid hot or moist air to the exhaust and ventilation hole of the projector.
- Do not place the projector in the following places. Otherwise, a short circuit, heat generation, or melting of the power cord coating may occur, causing fire, electric shock, product failure, or deformation.
  - Outdoors or non air-conditioned place.
  - Place where a gas such as a hydrogen sulfide is generated (i.e. hot spring).
  - Place where there is too much salt such as near the coast.
- Do not put any object that is heavy or larger than the outer frame on the projector. Otherwise, the object may fall losing its balance and cause injury.
- Do not subject the projector to strong shocks or vibrations. Do not handle the projector roughly. The projector may be damaged, resulting in fire or electric shock.
- Do not replace the lamp immediately after using the projector because the lamp would be extremely hot and it may cause burns.
- Depending on the installation conditions, warm air that is emitted from the exhaust vents may flow into the intake vent, causing the projector to display "HIGH TEMP WARNING" and then stop projecting images.
- Placing the projector directly on a carpet impairs ventilation by the fans, causing damage or failure. Put a hard board under the projector to facilitate ventilation.
- Place the projector at least 50 cm (or 20 inches) away from the wall to prevent the intake vents and the exhaust vents that emit hot air from being blocked.

About batteries

- Use of a battery of wrong type may cause explosion.
- Only Carbon-Zinc or Alkaline-Manganese Dioxide type batteries should be used.
- For disposal of used batteries, always consult federal, state, local and provincial hazardous waste disposal rules and regulations to ensure proper disposal.
- Before you dispose of the batteries, insulate them by placing insulation tape on the positive (+) and negative (-) terminals. If you dispose of the batteries together with other conductive objects such as a metal piece, they may short out, resulting in fire or explosion.
- Batteries may explode if misused. Do not recharge, disassemble, or heat the batteries, or put them into fire or water.
- Be sure to handle the batteries according to the instructions.
- Load the batteries with its positive (+) and negative (-) sides correctly oriented as indicated on the remote control.
- Keep batteries out of reach of children and pets. If children swallow the battery, see a doctor immediately.
- Remove the batteries, if the remote control is not used for a long time.
- Do not combine a new battery with an old one.
- If the solution of batteries comes in contact with your skin or clothes, rinse with water. If the solution comes in contact with your eyes, rinse them with water and then consult your doctor.
- Do not carry or store the batteries together with metallic ballpoint pens, necklaces, coins, or hairpins. Otherwise, they may short out, causing explosion or liquid leakage and resulting in fire or injury.
- Do not store the batteries where they are exposed to direct sunlight or subjected to high temperature and high humidity. High temperature and high humidity may cause corrosion or liquid leakage.

On servicing

- Do not attempt to service this projector by yourself. Refer all servicing to qualified service personnel.
- Unplug this product from the wall outlet and refer servicing to qualified service technicians under the following conditions:
  - When the power cord or plug is damaged or frayed.
  - If liquid has been spilled into the equipment.
  - If the product has been exposed to rain or water.
  - If the product does not operate normally when the operating instructions are followed. Adjust only those controls that are covered by the operating instructions since improper adjustment of the other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
  - If the product has been dropped or the cabinet has been damaged.
  - If the product exhibits a distinct change in performance, indicating a need for service.
- Replacement parts: When replacement parts are required, be sure the service technician has used original replacement parts or authorized replacement parts which have the same characteristics as the original part. Unauthorized substitutions may result in degraded performance and reliability, fire, electric shock or other hazards. Unauthorized substitutions may void warranty.
- Safety check: Upon completion of any service or repairs to this projector, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

2. BATTERIES AND REMOTE CONTROL

2.1 Installation of the batteries into the remote control

Read carefully the battery safety instructions, see "Important safety instructions", page 2

Necessary parts

Two size-AAA batteries (R03).

How to insert

1. Slide and remove the rear lid of the remote control.

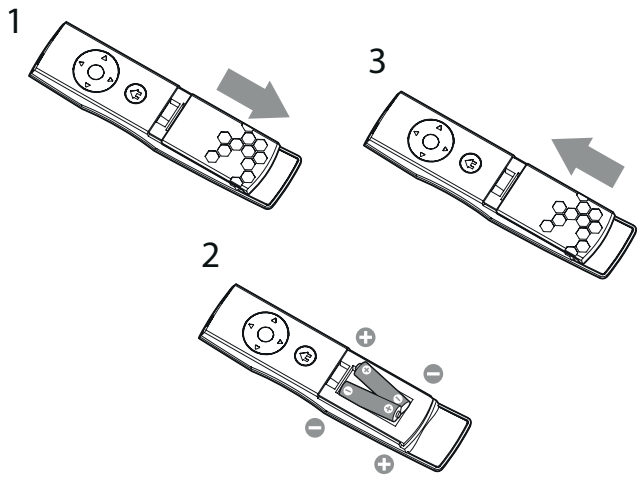


Image 2-1
Batteries insertion

2. Check the polarity (+), (-) of the batteries, and set them correctly, inserting their (-) side first.
   Note: *If the battery is inserted from the (+) side first, inserting the (-) side is difficult because the coil spring end hits on the battery side. If the battery is forced to insert in this way, the outer label of the battery may get ripped and it may cause a short-circuit and heating.*
3. Attach the rear lid.

Replace the 2 batteries with new ones when the remote control is slow to operate.

Removing the batteries from the remote control

Slide and remove the back lid of the remote control and take out the batteries.

2.2 Basic Remote control, indications

Overview

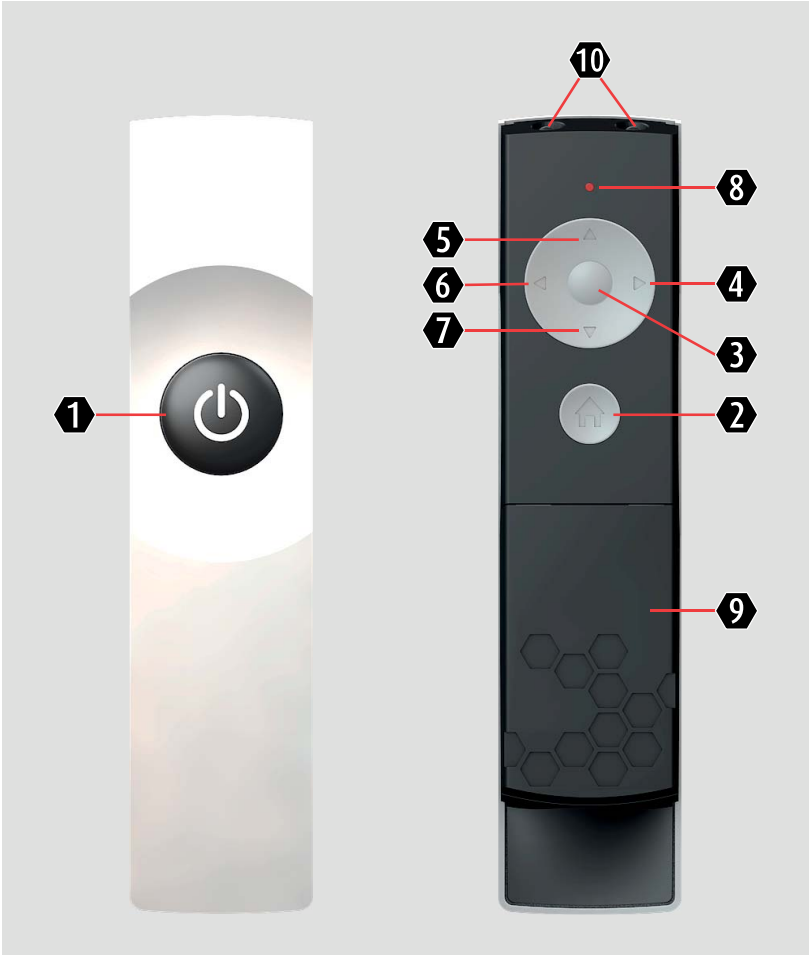


Image 2-2

1. ON/OFF
2. HOME
3. OK
4. ARROW RIGHT (►)
5. ARROW UP (▲)
6. ARROW LEFT (◄)
7. ARROW DOWN (▼)
8. LED INDICATION
9. BATTERY COMPARTMENT
10. IR LEDs

Basic actions

Result	RCU Lite: action	
start the projector	press **on/off**	1
turn off the projector	press **on/off**	1 > 1
show main menu on screen	press **home**	2
move through menu	press arrow keys	5 6 4 7
select button	press **ok**	3
select and return to previous menu	press **ok**	3
return to previous menu without selecting	press **home**	2
clear OSD Lite of screen	press **home**	2

3. LAMP REPLACEMENT

3.1 Lamp replacement warnings

Warnings

- Be careful not to drop the lamp fixing screws into the inside of the projector. Don't put a metal piece or flammable object into the projector. Using the projector with any foreign object present inside may result in electric shock or fire. When you can't remove the foreign object from the inside, contact your dealer for removal.
- Do not touch the lamp with bare hands or give a shock to the lamp. Attach the lamp properly. Improper handling may cause explosion.
- Be sure to install the lamp securely. When the lamp isn't installed properly, it won't illuminate. Improper installation may also result in fire.
- Don't shake the removed lamp or don't lift it above your face. You may be injured in your eye by flying or falling glass fragments.
- Don't replace the lamp immediately after use because the lamp cover is very hot. You may get burned. Turn off the power using the POWER key. After the lamp goes out, wait about 2 minutes until the intake and exhaust fans for cooling the lamp stop rotating. Then unplug the power cord, and wait at least 1 hour to allow the lamp to cool down enough to the touch.

3.2 Interval of lamp replacement

About the lamp

This projector is equipped with 2 lamps to project images. This lamp is a consumable. It may burn out or its brightness may decrease during use. In such cases, replace the lamp with a new one as soon as possible. Be sure to replace the lamp with a new lamp separately sold that is exclusive to this projector. Contact your dealer for purchase of the lamp.

Spare lamp: H LAMP 350W

About lamp replacement interval

The recommended interval of lamp replacement is about 4000 hours[1][2]of consecutive use. Such interval differs depending on the operating environment and may be shorter than 4000 hours[1][2]. Decrease in luminescence and/or color brightness indicates that the lamp needs to be replaced. When the lamp operation time exceeds 3000 hours[1], the lamp replacement message will appear on the screen for 1 minute everytime the lamp is turned on. When the lamp has been used for about 3800 hours[1], the replacement message (IT'S TIME FOR LAMP * REPLACEMENT) will appear on the screen for 1 minute every 20 hours[1] thereafter. When the lamp operation time exceeds 4000 hours[1][2], the projector automatically shuts off.

Caution

- Don't remove the lamp for any purpose other than replacement. Unnecessary removal of the lamp may result in a breakdown.
- This projector uses a high-pressure mercury lamp as the light source. The high-pressure mercury lamp may explode or fail to illuminate permanently because of an impact, scratch, or deterioration through use. The period of time until explosion or permanent failure to illuminate varies considerably from lamp to lamp, depending on operation conditions. Therefore, the lamp may explode soon after the start of use.
- The possibility of explosion of the lamp increases if you use it beyond its replacement period. When the instruction of lamp replacement appears, replace it with a new one immediately even if the lamp is still lighting normally.
- When the high-pressure mercury lamp explodes, glass fragments will scatter inside or outside the lamp box and the gas charged inside the lamp will diffuse inside or outside the projector. The gas inside the lamp contains mercury. Be careful not to breathe it or avoid it from entering your eye or mouth. If you should breathe it or if it should enter your eye or mouth, see a doctor immediately.
- In the event that the high-pressure mercury lamp exploded, glass fragments may have been scattered inside the projector. Ask your dealer to replace the lamp and to inspect the inside of the projector. When you clean or replace the lamp by yourself, be sure to hold the handle of the lamp. You may get injured by glass fragments.
- When removing the lamp from the ceiling-mounted projector, use the lamp replacement tray packed with the projector or option lamp to prevent glass fragments from scattering.
- Be sure to use the lamp exclusive to this projector, H LAMP 350W. Use of other lamps may cause a failure of the projector.

Before replacing the lamp

Check which lamp is to be replaced using the INFO menu in the OSD Lite menu.

1. Duration when LAMP MODE of the INSTALLATION 1 menu is set to LOW. When it is set to STANDARD, this duration will be shorted.
2. When LAMP MODE is set to STANDARD, this duration will be shorted to 2000 hours.

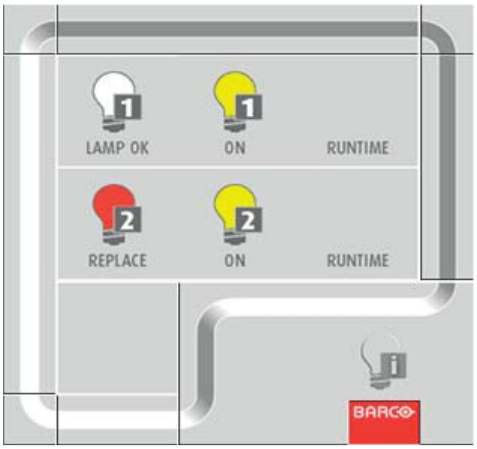


Image 3-1

3.3 Lamp replacement

CAUTION: Only authorized service personnel are allowed to remove the covers.

How to replace

1. Unplug the power cord from the outlet or appliance inlet.
2. Loosen two screws (a) on the rear and two screws (b) on the side that are securing the side cover (c) using a Phillips screwdriver.

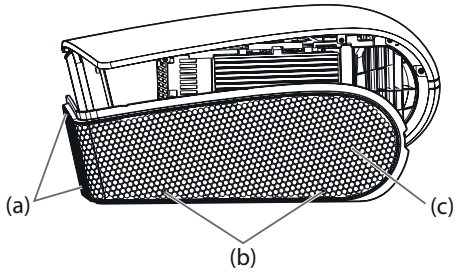


Image 3-2

3. Slide and remove the side cover towards the rear.

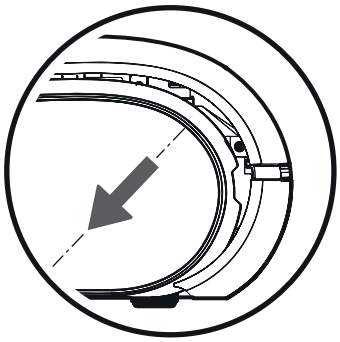


Image 3-3

4. Loosen two screws (d) that are securing the lamp cover using a Phillips screwdriver and remove the lamp cover (e) from the projector.

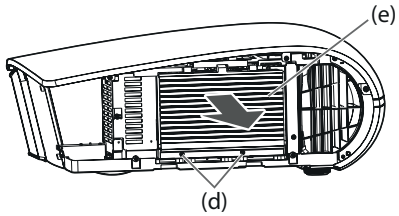


Image 3-4

5. Loosen two screws (f) that are securing the lamp box to be removed using a Phillips screwdriver.

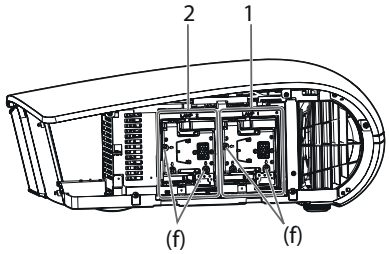


Image 3-5

6. Pull the handle.
7. Pull out the lamp box by the handle while holding the projector.

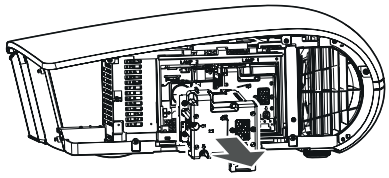


Image 3-6

- Pull the lamp box out of the projector slowly. When the lamp is broken, glass fragments may be scattering by quickly pulling out the lamp box.
- Do not spill liquid on the removed lamp box or do not place it near any flammable object or where children can reach to prevent injury or fire.

8. Load a new lamp box securely into the projector in the right orientation.

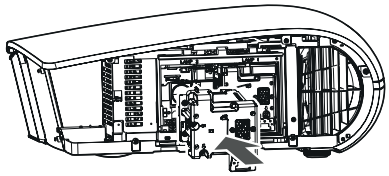


Image 3-7

9. Put the handle back to the original position.
   Note: *Make sure that the handle is locked.*
10. Tighten two screws (f) of the new lamp box tightly using a Phillips screwdriver.

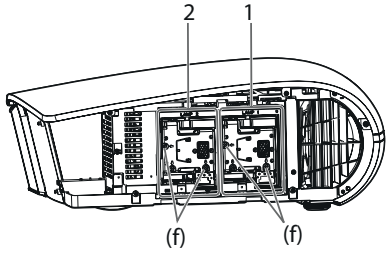


Image 3-8

Note: *Make sure that the screws are tightened firmly.*

11. Insert the lamp cover (e) into the projector and tighten two screws (d) on the lamp cover firmly using a Phillips screwdriver.

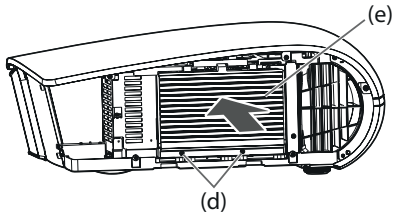


Image 3-9

Note: *You cannot turn on the projector without attaching the lamp cover.*

12. Insert the side cover (c) into the projector and tighten two screws (a) on the rear and two screws (b) on the side of the side cover using a Phillips screwdriver.

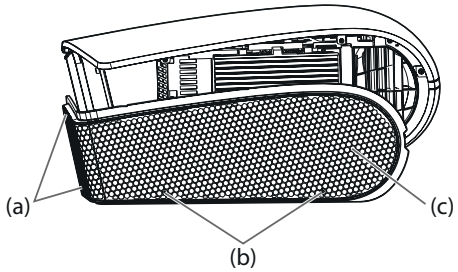


Image 3-10

3.4 Reset of the lamp operation time

What can be done?

You can reset the lamp operation time of the newly installed lamp using the menu.

How to reset

1. Plug the power cord into the wall outlet.
2. Press the **POWER** key.
3. Display the *FEATURE* menu in the *ADVANCED* menu.
4. Select *ADVANCED MENU* by pressing the ▲ or ▼ key.

Image 3-11

5. Press the **ENTER** key.
6. Select *LAMP 1 TIME RESET* or *LAMP 2 TIME RESET* by pressing the ▲ or ▼ key.

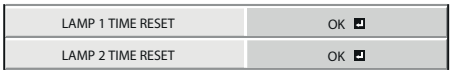


Image 3-12

7. Press the **ENTER** key.

   The confirmation dialog appears.

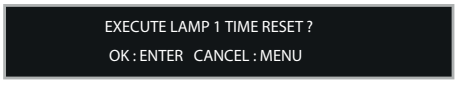


Image 3-13

8. Reset by pressing the **ENTER** key.

   When the lamp operating time is not reset, press the **MENU** key.

Important

- When the operation times of both lamps have exceeded 4000 hours[3], you can operate the projector only for 3 minutes after turning on the power. During this time, carry out steps 15 to 20 to reset the lamp operation times.
- The projector doesn't turn on if the lamp cover isn't attached securely.
- Be sure to reset the lamp operation time whenever you replace the lamp.
- Do not reset the lamp operation time unless you replace the lamp.
- The lamp is fragile. If it is broken, be careful not to cut yourself with glass fragments.

CAUTION: This projector uses a lamp that contains mercury. Disposal of the lamp or the projector with the lamp may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance: www.eiae.org. (For the U.S. only.)

3. When LAMP MODE is set to STANDARD, this duration will be shorted to 2000 hours.